

FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE
(Rev. 2-32) PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.
976-31 PCT/USSERIAL NO.
10/577,000INFORMATION DISCLOSURE
STATEMENT BY APPLICANTAPPLICANT
Perez et al.CONFIRMATION NO.
5827

(Use several sheets if necessary)

FILING DATE
April 21, 2006GROUP
1653

U.S. PATENT PUBLICATIONS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	2003/0059444	3/27/2003	Zollinger et al.			Nov. 15, 1996

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION	
						YES	NO
	WO 03/051379	6/26/2003	WO				
	EP 1 297 844 A2	4/2/2003	EP				
	WO 01/91788	12/6/2001	WO				
	WO 01/09350	2/8/2001	WO				
	WO 00/66791	11/9/2000	WO				

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

			DATABASE UniProt 'Online! "Putative periplasmic protein" October 1, 2000, XP002331525, retrieved from EBI accession no. UNIPROT: Q9JQZ2, Database accession no. Q9JQZ2.
--	--	--	-------------------------------------------------------------------------------------------------------------------------------------------------------------------------

EXAMINER /Nina Archie/

DATE CONSIDERED

07/27/2009

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication with applicant.

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /N.A./

FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE (Rev. 2-32) PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)	ATTY. DOCKET NO. 976-31 PCT/US	SERIAL NO. 10/577,000
	APPLICANT Perez et al.	CONFIRMATION NO. 5827
	FILING DATE April 21, 2006	GROUP 1653

U.S. PATENT PUBLICATIONS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

		DATABASE EMBL 'Online! "Neisseria meningitides serogroup A strain Z2491 complete genome; segment 4/7" March 30, 2000, XP002331526, retrieved from EBI accession no. EM_PRO: NMA4Z2491.
		DATABASE UniProt 'Online! "Hypothetical protein NMB1125 (Hypothetical protein NMB1163)" XP002331527, retrieved from EBI accession no. UNIPROT:Q7DDH5.
		Sardinias, G. et al., "Anti-PorA Antibodies Elicited by Immunization with Peptides Conjugated to P64k", <i>Biochemical and Biophysical Research Communications</i> 277, pp. 51-54, August 2000.
		Saunders, N. et al., "Immunogenicity of Intranasally Administered Meningococcal Native Outer Membrane Vesicles in Mice" <i>Infection and Immunity</i> , Vol. 67, No. 1, pp. 113-119, Jan. 1999.
		Jin, Z. et al., "Preparation and Characterization of Group A Meningococcal Capsular Polysaccharide Conjugates and Evaluation of Their Immunogenicity in Mice", <i>Infection and Immunity</i> , Vol. 71, No. 9, pp. 5115-5120, Sept. 2003.
		Alvarez, G. et al. "Cloning and Expression of the porA Gene of the Neisseria meningitides...", <i>Acta Biotechnol</i> 16, 2-3, 165-173, 1996.

EXAMINER /Nina Archie/

DATE CONSIDERED

07/27/2009

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication with applicant.

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /N.A./

FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE (Rev. 2-32) PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)	ATTY. DOCKET NO. 976-31 PCT/US	SERIAL NO. 10/577,000
	APPLICANT Perez et al.	CONFIRMATION NO. 5827
	FILING DATE April 21, 2006	GROUP 1653

U.S. PATENT PUBLICATIONS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION	
							YES	NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

			Carmenate, T. et al., "Effect of conjugation methodology on the immunogenicity and protective efficacy of meningococcal group C polysaccharide-P64K protein conjugates", <i>FEMA Immunology and Medical Microbiology</i> , 40, pp. 193-199, 2004.
			Hermida, L. et al., "A dengue-2 Envelope fragment inserted within the structure of the P64k meningococcal protein carrier enables..." <i>Journal of Virological Methods</i> , 115, pp. 41-49, 2004.

EXAMINER /Nina Archie/

DATE CONSIDERED

07/27/2009

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication with applicant.

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /N.A./